Ikon Science at IMAGE 2026

Presentations, Posters & Panel Discussions

Date	Time	Title	Speaker / Presenter	Program / Location	Format
Tuesday, August 18	1:20 PM	Managing the Modern Subsurface Data Estate: Why a Data-First Approach Matters for Energy and Carbon Workflows	P. Thompson	Carbon Management Pavilion	Presentation
Tuesday, August 18	1:20 PM	To peel or not to peel: Improving facies separation in joint impedance–facies inversion	A. Teitel	Technical Program	Presentation
Tuesday, August 18	2:20 PM	From Data Chaos to Data Advantage: Managing the Modern Subsurface Estate	Paul Thompson, Sunil Garg, Andrés Landa	Carbon Management Pavilion	Panel Discussion
Thursday, August 20	10:20 AM	Building AI-Ready Seismic Foundations: Integrating Archive Intelligence, Cloud Infrastructure and OSDU	P. Thompson	Poster Location 5, Level 3	Poster Presentation
Thursday, August 20	10:20 AM	New Rock Physics Model for Conventional Shales	A. J. Mur	Technical Program	Presentation
Thursday, August 20	11:10 AM	Applying AI to Subsurface Data Archives: From Discovery to Insight with Exploration Archives	P. Thompson	Digital Pavilion	Presentation

About the Presentations

To Peel or Not to Peel: Improving Facies Separation in Joint Impedance-Facies Inversion
Speaker: A. Teitel, Ikon Science
Explore how rock physics-constrained joint impedance-facies inversion can improve facies prediction while quantifying uncertainty. This presentation examines the role of "peeling" in enhancing inversion convergence and facies separation when geological signatures overlap and multiple solutions compete.

New Rock Physics Model for Conventional Shales
Speaker: A. J. Mur, Ikon Science
Learn about an updated rock physics model for conventional shales that provides a more rigorous representation of mineralogy, porosity, pore geometry, and overpressure effects. The revised framework offers enhanced characterization of shale behavior while preserving the physical basis of conventional shale models.

Managing the Modern Subsurface Data Estate: Why a Data-First Approach Matters for Energy and Carbon Workflows
Speaker: P. Thompson, Petrosys Group
Discover why data governance and accessibility are critical to successful energy and carbon management initiatives. This session highlights how a data-first strategy can improve confidence, efficiency, and decision-making across subsurface workflows.

Panel Discussion: From Data Chaos to Data Advantage
Panelist: P. Thompson, Petrosys Group
Join industry experts as they discuss challenges and opportunities in managing today's subsurface data landscape. The panel explores practical approaches to transforming fragmented data into reliable business and technical insights.

Building AI-Ready Seismic Foundations: Integrating Archive Intelligence, Cloud Infrastructure and OSDU
Speaker: P. Thompson, Petrosys Group
Discover how modern data platforms, cloud infrastructure, and archive intelligence are helping organizations prepare seismic data for AI-driven workflows. The presentation demonstrates strategies for unlocking greater value from legacy subsurface information assets.

Applying AI to Subsurface Data Archives: From Discovery to Insight with Exploration Archives
Speaker: P. Thompson, Petrosys Group
See how artificial intelligence is being used to automate metadata extraction, improve data discovery, and enhance searchability within subsurface archives. Learn how organizations are transforming dormant data stores into actionable sources of insight for modern exploration and analytics workflows.